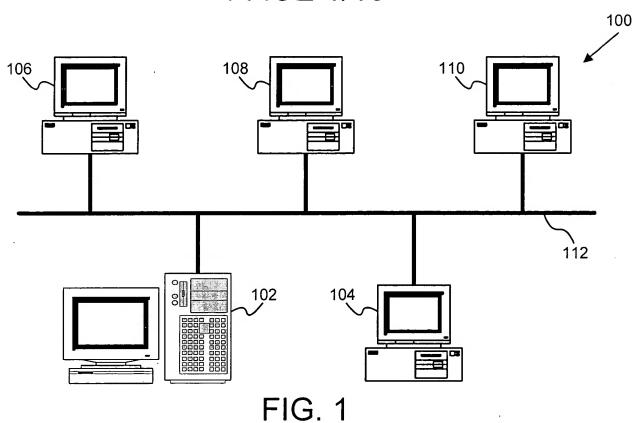
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200 206 Operating System Files 208 **Application Programs Files** Used Storage 202 210 Data Files 212 **Overflow Storage** 214 Available Storage 216 Allocated Storage Free Storage 204

FIG. 2

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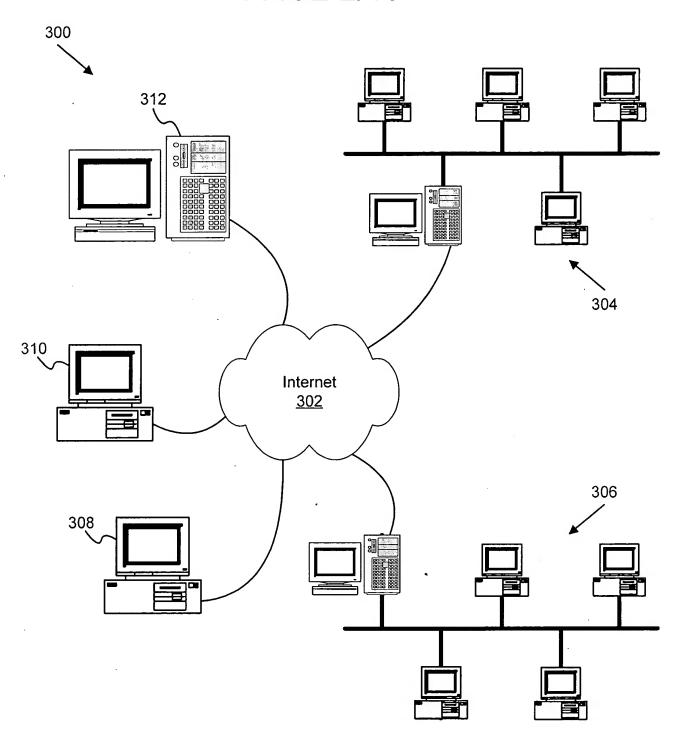


FIG. 3

APPARATUS, SYSTEM, AND METHOD FOR GRID BASED DATA STORAGE

Joseph J. Fatula
IBM Docket No.: SJO9-2003-0055US1 (BWB)
Kunzler & Associates Docket No.: 1200.2.94

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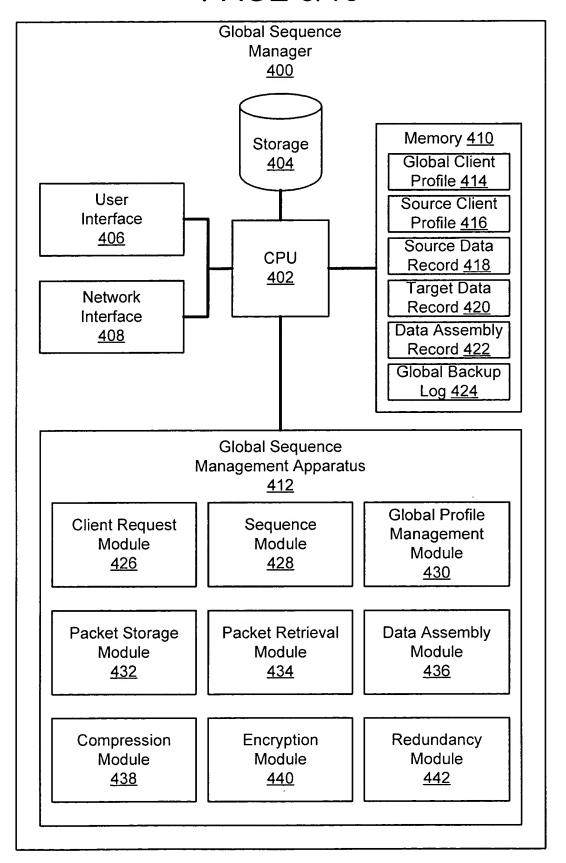


FIG. 4

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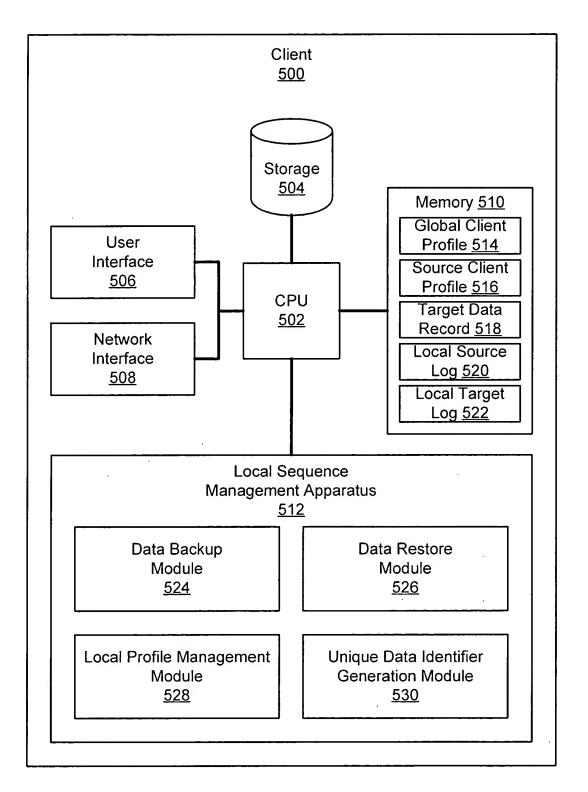
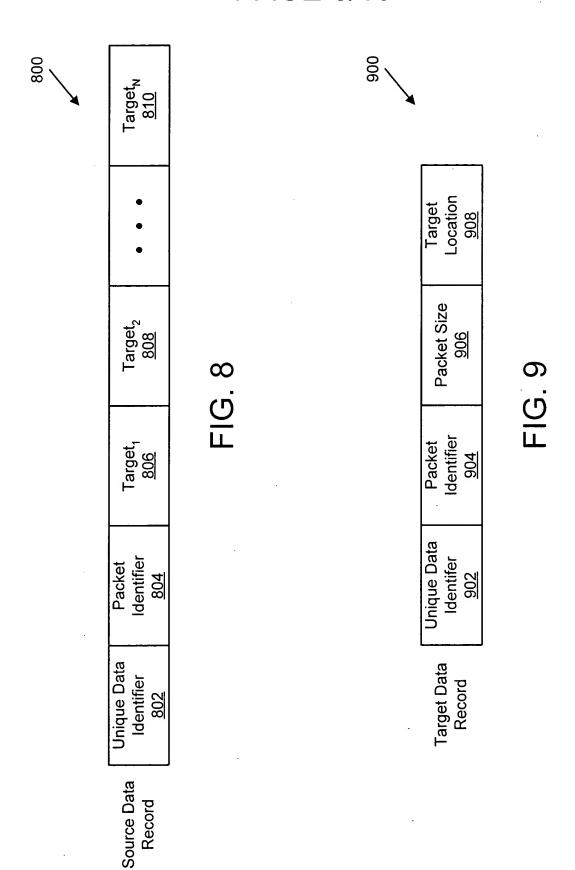


FIG. 5

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Client Backup/ Proximity 1/ 614	/	Client Auto Archive <u>626</u>		, 700			Data Sequence Key 720		
Client Packet Encryption <u>612</u>		Client Synch. <u>624</u>			Data Packet Encryption $\frac{712}{}$		Data Synch. 718		
Client Packet Redundancy <u>610</u>		Client Bandwidth <u>622</u>	9		Data Packet Redundancy <u>710</u>		Data Packet Proximity 71 <u>6</u>	ı	_
Compression 608		Client Processor <u>620</u>	FIG.		Data Packet Compression	_	Data Backup Proximity 714	; ;	FIG. 7
Client Identifier <u>606</u>		Client Storage <u>618</u>			Data Source Location <u>706</u>				
Network Allocation <u>604</u>		Client Packet Proximity 616			Unique Data Identifier 704				
Network Identifier <u>602</u>	Global Client Profile				Source Client Identifier 702	Source Client Profile			
	Allocation Identifier Compression Redundancy Encryption 604 606 608 610 612	Network Client Packet Client P	Network Client Packet Client Packet Client Packet Client Backup Fier Allocation Identifier Compression Redundancy Encryption Proximity 604 606 608 610 612 Client Backup Forcessor Bandwidth 624 626	Mocation Identifier Compression Redundancy Encryption Proximity Mocation Identifier Compression Redundancy Encryption Froximity Mocation Identifier Compression Redundancy Encryption Froximity Mocation Client Proximity Storage Processor Bandwidth 622 Gient Synch. FIG. 6	Metwork Client Packet Client Packet Client Packet Client Backup Fig. 2014 606 608 610 612 Client Backup Frozimity 604 606 608 610 612 Client Broximity Client Packet Client Client Client Client Client Client Client Client Storage Processor Bandwidth 624 626 626 620 622 624 626 626	fier Allocation Identifier Compression Redundancy Encryption Froximity Moderation Identifier Compression Redundancy Encryption Froximity Moderation Storage Storage Redundancy Encryption Froximity Storage Redundancy Encryption Fier Identifier Location Compression Redundancy Encryption Frozential Redundancy F	Allocation Identifier Compression Redundancy Encryption Proximity Fig.	Allocation Guent Packet Client Packet Proximity Proximity E1G E20 E22 E24 E26 E26	Allocation Client Packet Client Packet

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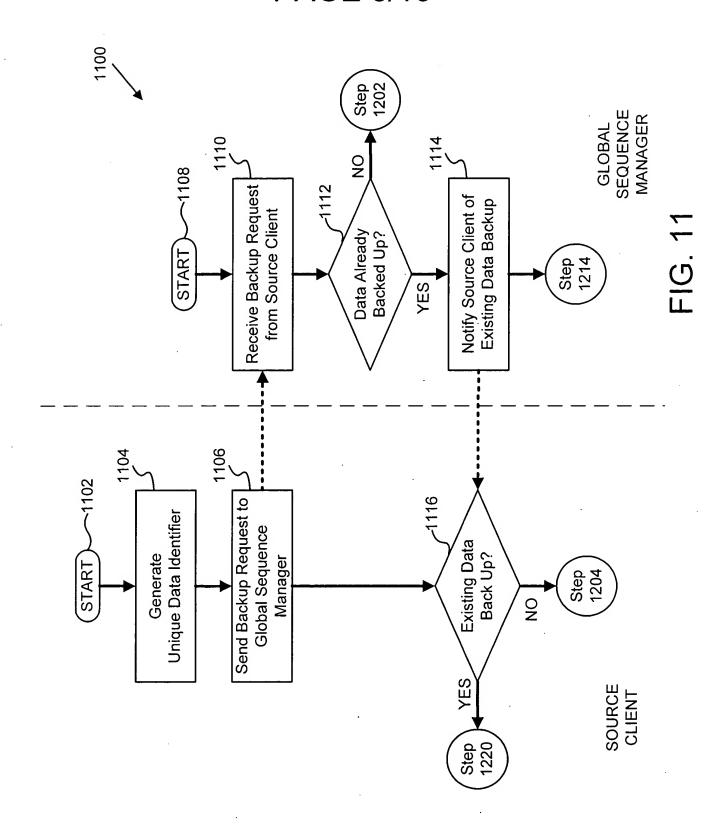


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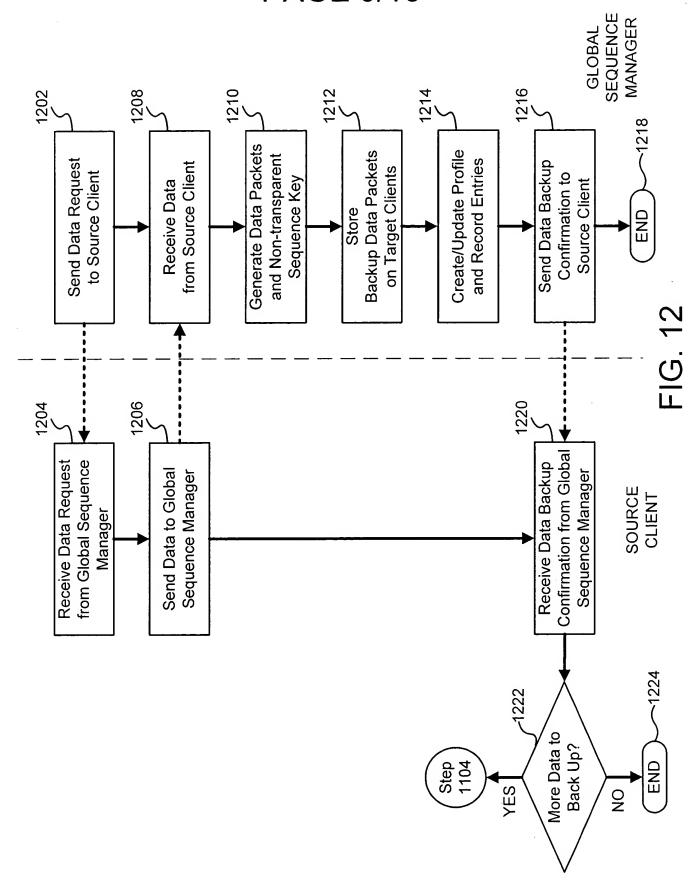
Packet _{1m} 1004m	Packet _{2m} 1006m	Packet _{3m} 1008m	• • •	Packet _{um} 1010m	
•	•	•	• • •	•	
Packet _{1b} 1004b	Packet _{2b} 1006b	Packet _{3b} 1008b	• • •	Packet _{ub} 1010b	
Packet _{1a} 1004a	Packet _{2a} <u>1006a</u>	Packet _{3a} 1008a	• • •	Packet _{na} 1010a	
Unique Data Identifier 1002					

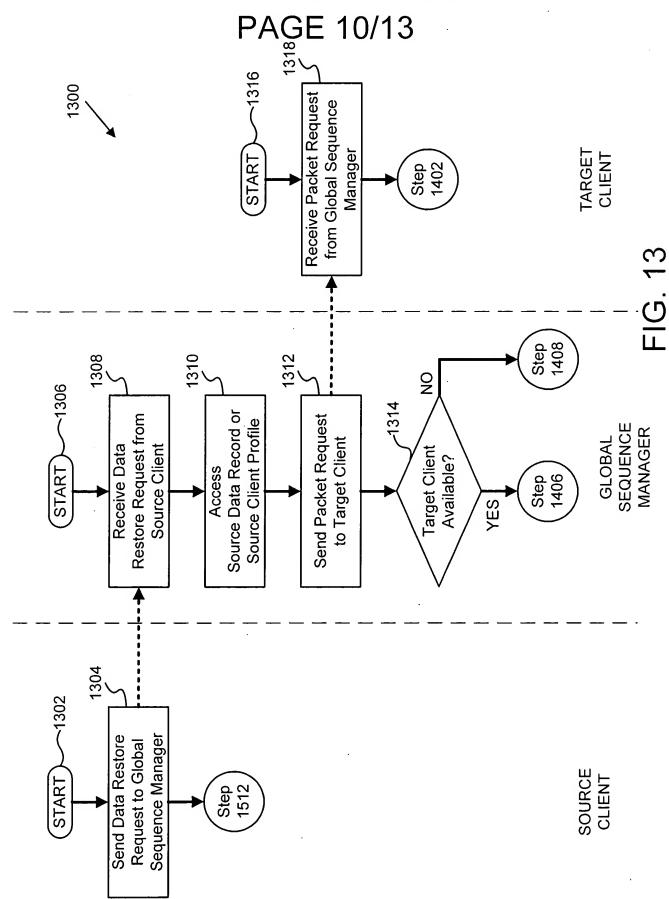
Data Assembly Record

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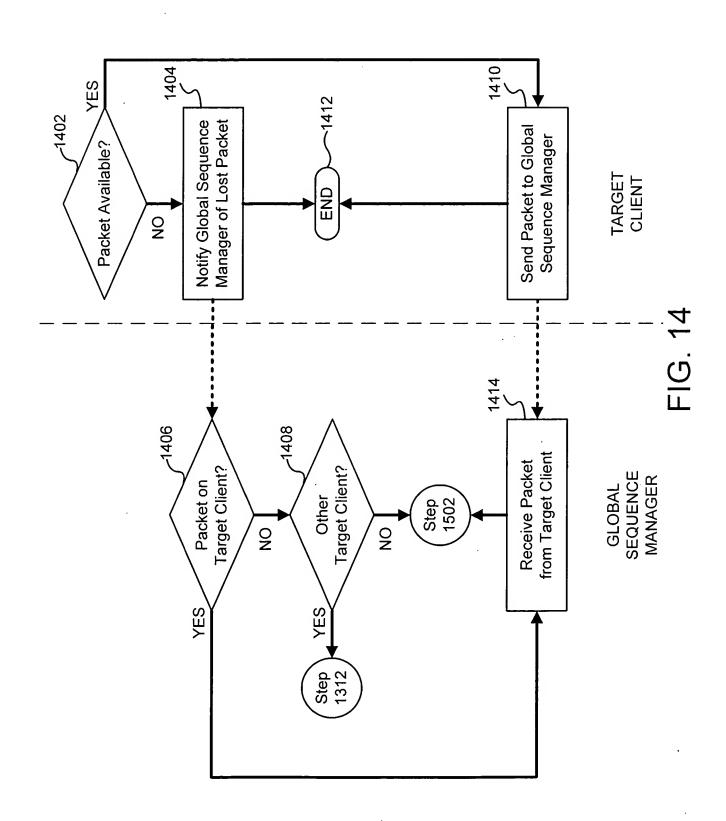


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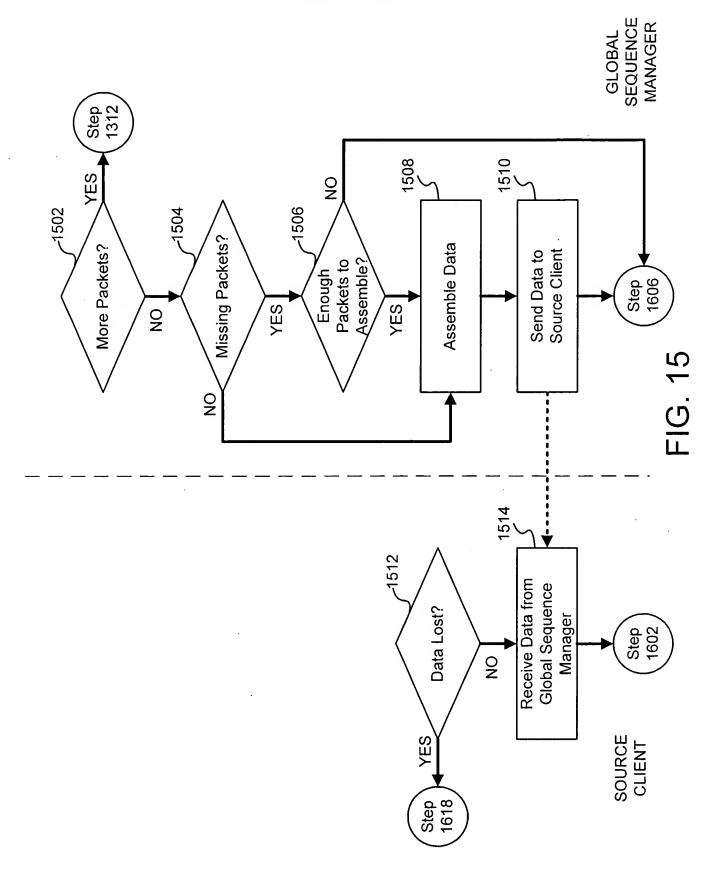




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